

## List of Patents and Publications for Information Disclosure Statement

Applicant(s): Timothy J. Rymer et al.  
 Serial No.: 10/037,385  
 Filed: December 20, 2001

Docket No.: 16820  
 Group: 1732  
 Examiner: Unknown

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 AUG 12 2003  
 TC 1700

Foreign Patent Documents								
Initials		Doc. No.	Date	Country	Class	Subclass	Trans.	
							Yes	No
Mtt	A1	EP 0 540 041 B1	04/1998	Europe	—	—	<input type="checkbox"/>	<input type="checkbox"/>
Mtt	A2	EP 1 145 724 A1	10/2001	Europe	—	—	<input type="checkbox"/>	<input type="checkbox"/>
Mtt	A3	GB 1,092,373	11/1967	Great Britain	—	—	<input type="checkbox"/>	<input type="checkbox"/>
Other Documents								
Initials		Author, Title, Date, Pages, etc.						
Mtt	A1	Patent Abstracts of Japan 05263318: Description of Nakamura Eiichiro/Kuraray Co. Ltd., "ELECTRICALLY CONDUCTIVE CONJUGATE FIBER."						
Mtt	A2	Derwent World Patent Database abstract of JP 58019360 A: Description of Unitika Ltd., "ELECTROCONDUCTING POLYMER COMPOSITION FIBRE PRODUCE PREPARATION ADD CUPROUS IODIDE ELECTROCONDUCTING CARBON BLACK GRANULE POLYMER."						
Mtt	A3	Derwent World Patent Database abstract of JP 61055249 A: Description of Kanebo Gosen KK, "ELECTROCONDUCTING NONWOVEN ANTISTATIC ELASTIC POLYURETHANE FABRIC MANUFACTURE MIX POLY ISOCYANATE MOLTEN POLYURETHANE ELASTOMER INCORPORATE ELECTROCONDUCTING FIBRE FORMING SHEET."						
Mtt	A4	Derwent World Patent Database abstract of Korea: Description of KR 8901835 B, "Kim et al./Kolon Co." "CONDUCTING POLYESTER FIBRE PRODUCE SPIN MIXTURE POLYETHYLENE TEREPHTHALATE CONTAIN SECOND POLYESTER RESIN CONDUCTING CARBON BLACK."						
Mtt	A5	Cavlin, Soren and Christer Fellers, "A New Method for Measuring the Edgewise Compression Properties of Paper," <u>Svensk Papperstidning</u> , No. 9, 1975, pp. 329-332.						
Mtt	A6	Mark, Richard E. et al., editors, <u>Handbook of Physical Testing of Paper</u> , Vol. 1, Second Edition, published by Marcel Dekker, Inc., New York, NY, 2002, including "Edgewise Compression Tests," by Curt A. Bronkhorst and Keith A. Bennett, Chapter 7, pp. 345-349; "Aspects of Sheet Characterization," and "Short-Span Specimen Geometry," by Christer Fellers and Benjamin C. Donner, Chapter 9, pp. 499-503.						

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with your next communication.

Examiner:

*Mary Lynn Theisen*

Date Considered:

*10/03*



# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of  
Invention

METHOD AND APPARATUS FOR MAKING ON-LINE  
STABILIZED ABSORBENT MATERIALS

Application Number: 10/037385



Confirmation Number: 6803

First Named Applicant: Timothy Rymer et al.

Attorney Docket Number: 16820

Art Unit: 1732

Search string: ( 4756969 or 5418045 or 6214274 or  
20030118814 or 20030119406 ).pn.

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## US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
<i>lll</i>	1	4756969	1988-07-12	Takeda			
<i>lll</i>	2	5418045	1995-05-23	Pike et al.			
<i>lll</i>	3	6214274	2001-04-10	Melius et al.			

## US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
<i>llt</i>	1	20030118814	2003-06-26	Workman, Jr. et al.			
<i>llt</i>	2	20030119406	2003-06-26	Abuto et al.			

## Remarks

Note: Remarks are not for responding to an office action.

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Signature

*Mary Lynn Theisen*

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Examiner Name

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U.S. Patent Documents							
Initials		Doc. No.	Date	Name	Class	Subclass	Filing Date
UT	A1	5,246,770	09/1993	Bottiglione et al.	—	—	
	A2						
	A3						
	A4						
	A5						
	A6						
	A7						
	A8						
	A9						
	A10						

Foreign Patent Documents								
Initials		Doc. No.	Date	Country	Class	Subclass	Trans.	
							Yes	No
UT	A1	GB 2 196 343 A	04/1988	Great Britain	—	—	<input type="checkbox"/>	<input type="checkbox"/>
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	A3						<input type="checkbox"/>	<input type="checkbox"/>
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	A5						<input type="checkbox"/>	<input type="checkbox"/>
	A6						<input type="checkbox"/>	<input type="checkbox"/>

Other Documents	
Initials	Author, Title, Date, Pages, etc.
A1	
A2	
A3	
A4	
A5	

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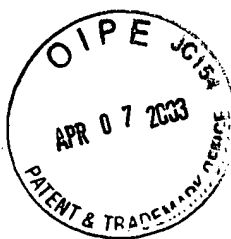
Examiner:

*Maryellen Thesier*

Date Considered:

*10/03*

Form PTO-1449 (Modified)



## List of Patents and Publications for Information Disclosure Statement

Applicant(s): Timothy J. Rymer et al.

Docket No.: 16,820

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Filed: December 20, 2001

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U.S. PATENT DOCUMENTS							
Initials		Doc. No.	Date	Name	Class	Subclass	Filing Date
UJO	A1	2002/0115977 A1	08/2002	Topolkaraev et al.	—	—	
	A2	2002/0135103 A1	09/2002	Odorzynski et al.			
	A3	H1,909	11/2000	Ahr			
	A4	3,901,236	08/1975	Assarsson et al.			
	A5	4,076,663	02/1978	Masuda et al.			
	A6	4,100,324	07/1978	Anderson et al.			
	A7	4,186,165	01/1980	Aberson et al.			
	A8	4,286,082	08/1981	Tsubakimoto et al.			
	A9	4,297,410	10/1981	Tsuchiya et al.			
	A10	4,392,908	07/1983	Dehnel			
	A11	4,429,001	01/1984	Kolpin et al.			
	A12	4,530,353	07/1985	Lauritzen			
	A13	4,663,220	05/1987	Wisneski et al.			
	A14	4,704,116	11/1987	Enloe			
	A15	4,721,647	01/1988	Nakanishi et al.			
	A16	4,725,448	02/1988	Fitzpatrick			
	A17	4,755,178	07/1988	Insley et al.			
	A18	4,767,825	08/1988	Pazos et al.			
	A19	4,786,915	11/1988	Cartwright et al.			
	A20	4,798,603	01/1989	Meyer et al.			
	A21	4,813,948	03/1989	Insley			
	A22	4,818,464	04/1989	Lau			
	A23	4,921,645	05/1990	Insley			
	A24	5,002,814	03/1991	Knack et al.			
	A25	5,143,680	09/1992	Molnar et al.			
	A26	5,147,343	09/1992	Kellenberger			
	A27	5,148,172	09/1992	Kumurdjian			
	A28	5,155,316	10/1992	Chiu			

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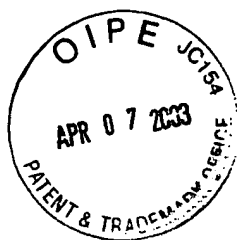
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U.S. PATENT DOCUMENTS							
Initials		Doc. No.	Date	Name	Class	Subclass	Filing Date
MTT	A29	5,176,668	01/1993	Bernardin			
	A30	5,176,672	01/1993	Bruemmer et al.			
	A31	5,185,506	02/1993	Walters			
	A32	5,188,624	02/1993	Young, Sr. et al.			
	A33	5,192,606	03/1993	Proxmire et al.			
	A34	5,217,768	06/1993	Walters et al.			
	A35	5,220,143	06/1993	Kemske et al.			
	A36	5,226,992	07/1993	Morman			
	A37	5,230,959	07/1993	Young, Sr. et al.			
	A38	5,254,821	10/1993	Walters			
	A39	5,350,904	09/1994	Kemske et al.			
	A40	5,368,918	11/1994	Harada et al.			
	A41	5,436,066	07/1995	Chen			
	A42	5,466,409	11/1995	Partridge et al.			
	A43	5,486,166	01/1996	Bishop et al.			
	A44	5,489,469	02/1996	Kobayashi et al.			
	A45	5,490,846	02/1996	Ellis et al.			
	A46	5,492,754	02/1996	Chen			
	A47	5,496,298	03/1996	Kuepper et al.			
	A48	5,509,915	04/1996	Hanson et al.			
	A49	5,516,585	05/1996	Young, Sr. et al.			
	A50	5,540,796	07/1996	Fries			
	A51	5,567,744	10/1996	Nagata et al.			
	A52	5,585,170	12/1996	Morris et al.			
	A53	5,595,618	01/1997	Fries et al.			
	A54	5,599,763	02/1997	Harada et al.			
	A55	5,601,542	02/1997	Melius et al.			
	A56	5,672,419	09/1997	Mukaida et al.			

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## U.S. PATENT DOCUMENTS

Initials		Doc. No.	Date	Name	Class	Subclass	Filing Date
<i>MD</i>	A57	5,674,339	10/1997	Groeger et al.	—	—	
	A58	5,800,418	09/1998	Ahr			
	A59	5,858,515	01/1999	Stokes et al.			
	A60	5,885,516	03/1999	Christensen			
	A61	5,972,808	10/1999	Groeger et al.			
	A62	5,993,433	11/1999	St. Louis et al.			
	A63	6,024,813	02/2000	Groeger et al.			
	A64	6,078,035	06/2000	Chittipeddi et al.			
	A65	6,140,550	10/2000	Beihoffer et al.			
	A66	6,248,097 B1	06/2001	Beitz et al.			
	A67	6,323,388 B1	11/2001	Melius et al.			
	A68	6,328,779 B1	12/2001	He et al.			
	A69	6,376,011 B1	04/2002	Reeves et al.			
<i>MD</i>	A70	6,419,798 B1	07/2002	Topolkaraev et al.			
	A71						
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	A82						
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	A84						

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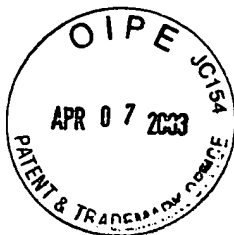
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Foreign Patent Documents								
Initials	Doc. No.	Date	Country	Class	Subclass	Trans.		
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✓	A1	EP 0 217 032 B1	02/1992	Europe	✓	✓	<input type="checkbox"/>	<input type="checkbox"/>
✓	A2	EP 0 345 523 A1	05/1989	Europe	✓	✓	<input type="checkbox"/>	<input type="checkbox"/>
✓	A3	EP 1 160 426 A2	12/2001	Europe	✓	✓	<input type="checkbox"/>	<input type="checkbox"/>
✓	A4	WO 89/11772 A1	11/1989	World - PCT	✓	✓	<input type="checkbox"/>	<input type="checkbox"/>
✓	A5	WO 90/11171 A1	10/1990	World - PCT	✓	✓	<input type="checkbox"/>	<input type="checkbox"/>
✓	A6	WO 99/16399 A1	04/1999	World - PCT	✓	✓	<input type="checkbox"/>	<input type="checkbox"/>
✓	A7	WO 99/22685 A1	05/1999	World - PCT	✓	✓	<input type="checkbox"/>	<input type="checkbox"/>
✓	A8	WO 00/29655 A1	05/2000	World - PCT	✓	✓	<input type="checkbox"/>	<input type="checkbox"/>
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✓	A10	WO 00/31331 A1	06/2000	World - PCT	✓	✓	<input type="checkbox"/>	<input type="checkbox"/>
✓	A11	WO 00/59439 A1	10/2000	World - PCT	✓	✓	<input type="checkbox"/>	<input type="checkbox"/>
✓	A12	WO 00/62922 A1	10/2000	World - PCT	✓	✓	<input type="checkbox"/>	<input type="checkbox"/>
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✓	A15	WO 01/95347 A2	12/2001	World - PCT	✓	✓	<input type="checkbox"/>	<input type="checkbox"/>

Other Documents		
Initials	Author, Title, Date, Pages, etc.	
✓	A1 Patent Abstracts of Japan 06038814 B4: Description of Igaue Takamitsu et al., "ABSORBING BODY FOR ABSORBABLE ARTICLE AND PREPARATION THEREOF."	
✓	A2 American Society for Testing Materials (ASTM) Designation: D 1921-89, "Standard Test Methods for Particle Size (Sieve Analysis) of Plastic Materials," pp. 493-496, published August 1989.	
	A3	

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Examiner:

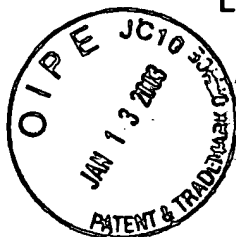
*Margaret Thewissen*

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U.S. Patent Documents							
Initials		Doc. No.	Date	Name	Class	Subclass	Filing Date
UT	A1	3,759,775	09/1973	Shepherd	—	—	
MO	A2	4,401,708	08/1983	Paul	—	—	
UT	A3	5,139,861	08/1992	Williams et al.	—	—	
UT	A4	5,318,650	06/1994	Kerawalla	—	—	
	A5						
	A6						
	A7						
	A8						
	A9						
	A10						

Foreign Patent Documents								
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Other Documents		
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	A1	
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	A6	

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Initials		Doc. No.	Date	Name	Class	Subclass	Filing Date
<i>MT</i>	A1	3,802,817	04/1974	Matsuki et al.	—	JUL 8	2002
	A2	3,849,241	11/1974	Butin et al.		TC 1700	
	A3	4,340,563	07/1982	Appel et al.			
	A4	4,375,448	03/1983	Appel et al.			
	A5	4,494,278	01/1985	Kroyer et al.			
	A6	4,542,199	09/1985	Kaminsky et al.			
	A7	4,640,810	02/1987	Laursen et al.			
	A8	4,666,647	05/1987	Enloe et al.			
	A9	4,761,258	08/1988	Enloe			
	A10	4,795,668	01/1989	Krueger et al.			
	A11	4,927,582	05/1990	Bryson			
	A12	5,057,368	10/1991	Largman et al.			
	A13	5,064,802	11/1991	Stevens et al.			
	A14	5,069,970	12/1991	Largman et al.			
	A15	5,108,820	04/1992	Kaneko et al.			
	A16	5,108,827	04/1992	Gessner			
	A17	5,277,976	01/1994	Hogle et al.			
	A18	5,294,482	03/1994	Gessner			
	A19	5,334,446	08/1994	Quantrille et al.			
	A20	5,336,552	08/1994	Strack et al.			
	A21	5,374,696	12/1994	Rosen et al.			
	A22	5,382,400	01/1995	Pike et al.			
	A23	5,393,599	02/1995	Quantrille et al.			
	A24	5,431,991	07/1995	Quantrille et al.			
	A25	5,466,410	11/1995	Hills			
	A26	5,527,171	06/1996	Soerensen			
	A27	5,536,921	07/1996	Hedrick et al.			
	A28	5,540,992	07/1996	Marcher et al.			

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Initials		Doc. No.	Date	Name	Class	Subclass	Filing Date	
MT	A29	5,916,203	06/1999	Brandon et al.	—	—	—	
↓	A30	5,962,108	10/1999	Nestegard et al.	—	—	JUL 8 2002	
↓	A31	6,004,422	12/1999	Janovec et al.	—	—	TC 1700	
↓	A32	6,024,822	02/2000	Alper et al.	—	—	—	
↓	A33	US 6,330,735 B1	12/2001	Hahn et al.	—	—	—	
	A34				—	—	—	

Foreign Patent Documents								
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MT	A2	0 665 315 B1	02/2000	EPO	—	—	<input type="checkbox"/>	<input type="checkbox"/>
MT	A3	WO 01/26592 A1	04/2001	WIPO	—	—	<input type="checkbox"/>	<input type="checkbox"/>
MT	A4	WO 01/26595 A1	04/2001	WIPO	—	—	<input type="checkbox"/>	<input type="checkbox"/>

Other Documents		
Initials		Author, Title, Date, Pages, etc.
MT	A1	TAPPI Official Test Method T494 om-96, "Tensile properties of paper and paperboard", published by the TAPPI Press, Atlanta, Georgia, revised 1996, pp. 1-10.
MT	A2	Polymer Blends and Composites, John A. Manson and Leslie H. Sperling, 1976, Plenum Press, New York, pp. 273-277.
MT	A3	Microwave Processing of Materials, Publication NMAB-473, National Academy Press, Washington, D.C., 1994.
MT	A4	"Reversible Microwave Bonding", Oak Ridge National Laboratory, March 24, 2000, www.ornl.gov/orccmt/pages/projects.html.
MT	A5	"Radio-Frequency Sealing for Disposable Medical Products", Medical DeviceLink.com, March 24, 2000, www.deviceLink.com/mddi/archive/99/12/003.html.
MT	A6	Industrial Microwave Heating, A. C. Metaxas & R. J. Meredith, Peter Peregrinus Ltd., London, England, 1983, p. 152.

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